

Sheet 1 of 2

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1095.1234D	APPLICATION NO. <u>107724721</u> Divisional of <u>10/233,471</u>
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Masaki SUGIYAMA, et al.	FILING DATE December 2, 2003
		GROUP ART UNIT <u>2873</u>	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DJS	AA	6,580,843	6/17/03	Doi et al.	385	14	4/5/01
DJS	AB	2003/0169478	09/2003	Sugiyama et al.	359	321	
DJS	AC	6,584,240	06/2003	Doi et al.	385	2	
	AD						
	AE						
	AF						

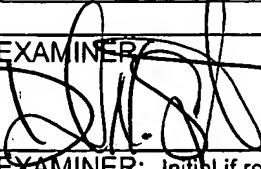
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION YES NO
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	AM		
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EXAMINER 	DAVID SPECTOR PRIMARY EXAMINER	DATE CONSIDERED 9/27/2004
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Sheet 2 of 2

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1095.1234D	APPLICATION NO. <u>10/724,721</u> Divisional of <u>10/233,471</u>
<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Masaki SUGIYAMA et al.	FILING DATE December 2, 2003
		GROUP ART UNIT <u>2873</u>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA 6,304,685 B1	10/16/01	Burns			

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

DJS	AB	Madabhushi, R, "Microwave Attenuation Reduction Techniques for Wide-Band Ti:LiNbO <sub>3</sub> Optical Modulators," IEICE Trans. Electron, Vol. E81-C, No. 8, August 1998, pp. 1321-1327.
DJS	AC	Noguchi, K., et al., "Low-voltage and broadband Ti :LiNbO <sub>3</sub> modulators operating in the millimeter wavelength region," OFC '96 Technical Digest, pp. 205-206.
DJS	AD	Noguchi, K., et al., "Characteristics of ridged Ti :LiNbO <sub>3</sub> optical modulator," Proceedings of the 1992 IEICE Spring Conference, Tokyo, Japan, March 24-27, C-206, with English translation.
DJS	AE	Burns, W.K., et al., "Low Drive Voltage, Broad-Band LiNbO <sub>3</sub> Modulators With and Without Etched Ridges," Journal of Lightwave Technology, vol. 17, No. 12, December, 1999, pp. 2551-2555.
DJS	AF	Noguchi, K., et al., "Push-Pull Type Ti :LiNbO <sub>3</sub> Optical Modulator for 40 Gb/s Optical Transmission Systems," Proceedings of the 1999 IEICE General Conference, Keio University, Yokohama, Japan, March 25-28, 1999, C-3-126, page 280, with English translation.
DJS	AG	Kawano, K., et al., "Consideration on High-Speed and Wide-Band Optical Modulators," 1998 Autumn National Convention Record, IEICE, September 6-9, 1998, C-195, with English Translation.
DJS	AH	Noguchi, K., et al., "Push-Pull Type Ridged Ti :LiNbO <sub>3</sub> Optical Modulator," IEICE Trans. Electron., Vol. E79-C, No. 1, January 1996, pp. 27-31.
DJS	AI	Noguchi, K., et al., "40-Gbit/s Ti :LiNbO <sub>3</sub> Optical Modulator with a Two-Stage Electrode," IEICE Trans. Electron., vol. E81-C, No. 8, August 1998, pp. 1316-1320.
DJS	AJ	Sugiyama, Masaki, et al., "Driver-less 40 Gb/s LiNbO <sub>3</sub> Modulator with Sub-1 V Drive Voltage," OFC 2002, March 17, 2002.

EXAMINER <i>[Signature]</i>	DAVID SPECTOR PRIMARY EXAMINER	DATE CONSIDERED <i>9/27/2004</i>
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